

NOVEMBER/DECEMBER 2024

**23PMB22 — MEDICAL VIROLOGY AND
PARASITOLOGY**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is Satellite RNAs?
2. List out cell cultures used for virus cultivation.
3. Negri bodies
4. What are the clinical manifestation of varicella zoster?
5. Label bacteriophage.
6. State lytic cycle.
7. Infer Amoebic dysentery.
8. Which is the infective form of *Leishmania donovani*.
9. Define Chyluria.
10. Comments on Taeniasis.



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write a short note on structure of virus.

Or

(b) Briefly explain about cultivation of virus in egg.

12. (a) Discuss the pathogenicity and lab diagnosis of influenza virus.

Or

(b) Describe about pathogenicity and treatment of herpes virus.

13. (a) List out and explain viral vaccines.

Or

(b) Write notes on M 13 bacteriophages.

14. (a) Write a short note on *Entamoeba histolytica*.

Or

(b) Briefly describe Giardia lamblia.

15. (a) Write about Pathogenicity and treatment of *Fasciola hepatica*.

Or

(b) Give an account on antiprotozoal drugs.



SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detailed about multiplication of virus.

17. Give a detailed account on Pathogenicity and prevention of mumps virus.

18. Give a detailed account on lysogenic life cycle of Bacteriophage.

19. Write an essay on life cycle, Pathogenicity and treatment of *Trichomonas vaginalis*.

20. Write an account on life cycle and Pathogenicity of *Ascaris lumbricoides*.
